

Title (en)

OBTAINING AN INDICATION ABOUT A FAT CONTENT OF MILK

Title (de)

ERHALTEN EINER ANGABE ÜBER DEN FETTGEHALT VON MILCH

Title (fr)

OBTENTION D'UNE INDICATION CONCERNANT UNE TENEUR EN MATIÈRES GRASSES DU LAIT

Publication

EP 3880271 B1 20220309 (EN)

Application

EP 19749357 A 20190807

Priority

- EP 18206806 A 20181116
- EP 2019071240 W 20190807

Abstract (en)

[origin: EP3653238A1] A breast pump device (1) is equipped with an acoustic milk expression assessment system (6) for the purpose of obtaining an indication about a fat content of expressed milk. The acoustic milk expression assessment system (6) includes an acoustic sensor (61) and a processor (62) configured to process an acoustic signal received from the acoustic sensor (61) during operation of the breast pump device (1) when a milk receptacle (4) is used with the device (1). By recording sound during a pumping session, it is possible to determine a frequency shift in the sound of droplets falling down in the receptacle (4) and hitting a surface of the milk contained by the receptacle (4) with respect to a reference situation of a liquid having 0% fat content, which can be taken as a factor in estimating a value related to the fat content of the milk.

IPC 8 full level

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CPC (source: EP US)

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